

Publications/congrès

Mes travaux en tant que chargée de recherche pour le Laboratoire Pharmaceutique Théraxem de Monaco étaient sous clause de confidentialité et n'ont donc pas pu être publiés.

Articles détaillés :

**Publications internationales à comité de lecture :*

- 1-Pierson P. M., Guibbolini M. E. and Lahlou B. Enzyme linked immunosorbent assay for the neurohypophysial hormones arginine vasotocin and isotocin. *Journal of Immunoassay* 16, 55-79 (1995)
- 2-Pierson P. M., Guibbolini M. E., Mayer-Gostan N. and Lahlou B. ELISA measurements of vasotocin and isotocin in plasma and pituitary of the rainbow trout : Effect of salinity. *Peptides* 16, 859-865 (1995)
- 3-Pierson P. M., Guibbolini M. E. and Lahlou B. A V1-type receptor for mediating the neurohypophysial hormone-induced ACTH release in trout pituitary. *Journal of Endocrinology* 149, 109-115 (1996)
- 4-Guibbolini M. E., Pierson P. M., Mayer-Gostan N. and Lahlou B. The V1b neurohypophysial peptide receptor in fish and rat pituitary. In S. Kawashima and S. Kikuyama : "Advances in Comparative Endocrinology", ed. Monduzzi, Bologna (Italie), 1201-1205 (1997)
- 5-Raggenbass M., Pierson P., Metzger D. and Alberi S. Action of a metabotropic glutamate receptor agonist in rat lateral septum : induction of a sodium-dependent inward aftercurrent. *Brain Research* 776 (1-2), 75-87 (1997)
- 6-Raggenbass M., Alberi S., Zaninetti M., Pierson P. and Dreifuss J. J. Vasopressin and oxytocin action in the brain : cellular neurophysiological studies. *Progress in Brain Research* 119, 263-273 (1998)
- 7-Guibbolini M. E., Pierson P. M. and Lahlou B. Neurohypophysial hormone receptors and second messengers in trout hepatocytes. *Journal of Endocrinology* 167, 137-144 (2000)
- 8-Pierson P., Tribollet E. and Raggenbass M. Effect of vasopressin on the input-output properties of rat facial motoneurons. *European Journal of Neuroscience* 14 (6), 957-967 (2001)
- 9-Pisani D. F., Pierson P. M., Massoudi A., Leclerc L., Chopard A., Marini J.-F. and Dechesne C. A. Myodulin is a novel potential angiogenic factor in skeletal muscle. *Experimental Cell Research* 292, 40-50 (2004)
- 10-Pierson P. M., Lamers A., Flik G. and Mayer-Gostan N. The stress axis, stanniocalcin, and ion balance in rainbow trout. *General and Comparative Endocrinology* 137 (3), 263-271 (2004)
- 11-Pierson P. M., Liu X. and Raggenbass M. Suppression of potassium channels elicits calcium-dependent plateau potentials in suprachiasmatic neurons of the rat. *Brain Research* 1036, 50-59 (2005)
- 12-Pierson P. M., Peteri-Brunbäck B., Pisani D. F., Abbracchio M. P., Mienville J.-M. and Rosso L. A2b receptor mediates adenosine inhibition of taurine efflux from pituitary cells. *Biology of the Cell* 99 (8), 445-454 (2007)
- 13-Rosso L., Pierson P. M., Golfier C., Peteri-Brunbäck B., Deroanne C., Van Obberghen-Schilling E. and Mienville J.-M. Pituitary cell stellation is prevented by RhoA- or Cdc42- dependent actin polymerization. *Cellular and Molecular Neurobiology* 27 (6), 791-804 (2007)
- 14-Gestreau C., Heitzmann D., Thomas J., Dubreuil V., Bandulik S., Reichold M., Bendahhou S., Pierson P., Sterner C., Peyronnet-Roux J., Benfriha C., Tegtmeyer I., Ehnes H., Georgieff M., Lesage F., Brunet J.-F., Goridis C., Warth R. and Barhanin J. TASK2 potassium channels set central respiratory CO₂ and O₂ sensitivity. *Proceedings of the National Academy of Sciences of the United States of America* 107, 2325-2330 (2010)

- 15-Vandenbussche P. S. P., Spennato G., Francour P. and Pierson P. M. Validation of a simple and well-suited chemical cleaning method for fish otoliths. *Acta Zoologica* 99, 258-262 (2018)
 - 16-Vandenbussche P. S. P., Spennato G. and Pierson P. M. Assessment of the use of *Oblada melanura* (L. 1758) otolith fluctuating asymmetry as environmental disturbance indicator. *Marine Environmental Research* 136, 48-53 (2018)
 - 17-Vandenbussche P. S. P., Spennato G. and Pierson P. M. Juvenile *Oblada melanura* (L. 1758) otolith shape variation as an early environmental indicator. Soumis
 - 18-Pierson P. M., Spennato G. and Vandenbussche P. S. P. Assessment of the ratio between otolith area and fish standard length as an environmental quality indicator. Soumis
 - 19-Vandenbussche P. S. P., Spennato G. and Pierson P. M. Juvenile *Oblada melanura* (L. 1758) otolith shape is impacted near recreational harbours and not by natural sources of contamination. En cours de soumission
 - 20-Belhoucine F., Pierson P. M., Francour P., Alioua A. and Boutiba Z. Characterization of European hake (*Merluccius merluccius*, Linnaeus, 1758) reproduction in the Oran bay. En cours de redaction
- *Autre publication :**
- Francour P., Tiquio J., Vandenbussche P., Spennato G., Chéné C., Hurel C., Marmier N., Principale V., Pierson P. SABELLA : Site Atelier pour le suivi du Bon Etat écologique du Littoral Azuréen, rapport final - Décembre 2014, Contrat Agence de l'Eau Rhône Méditerranée Corse & Université Nice Sophia Antipolis. ECOMERS publ., Nice : 54 pp. (2014)

Abstracts publiés :

***Dans journaux internationaux à comité de lecture :**

- 1-Guibbolini M. E., Pierson P. M., and Lahlou B. Neurohypophysial hormone receptors in trout hepatocytes. *European Journal of Endocrinology* 130, 230 (1994)
- 2-Guibbolini M. E., Marin, X., Pierson P. M., and Lahlou B. Effets d'analogues naturels et artificiels des peptides neurohypophysaires sur les cellules corticotropes de l'adénohypophyse de rat. *Archives of Physiology and Biochemistry* 103, D142 (1995)
- 3-Pierson P. M., Guibbolini M. E. and Lahlou B. Neurohypophysial hormones induce ACTH release by means of a V1-type receptor in trout pituitary. *Archives of Physiology and Biochemistry* 103, D143 (1995)

***Autres publications :**

- 1-Guibbolini M., Pierson, P. and Lahlou B. Pharmacological characterization of the V1b neurohypophysial peptide receptor in trout and rat pituitary. In "European Federation of Endocrine Societies, IV European Congress of Endocrinology", ed. F. Sánchez-Franco and J. A. H. Wass, P3-312 (1998)
- 2-Guibbolini M.E., Pierson P.M., Ferrua C. and Lahlou B. Evidence for hormone regulated chloride channels in primary cultured cells of trout gill epithelium. In "European Federation of Endocrine Societies, IV European Congress of Endocrinology", ed. F. Sánchez-Franco and J. A. H. Wass, P3-310 (1998)

Communications orales, posters et bioclip, dans des congrès :

- 1-Lahlou B., Guibbolini M. E and Pierson P. M. Neurohypophysis still a mystery in fish physiology. 2nd International Symposium on Fish Endocrinology, Saint-Malo, 1-4 Juin 1992 (Communication orale par B. Lahlou)
- 2-Guibbolini M. E., Pierson P. M., and Lahlou B. Neurohypophysial hormone receptors in trout hepatocytes. IIIrd European Congress of Endocrinology, Amsterdam, 17-22 Juillet 1994 (Poster)

- 3-Guibbolini M. E., Marin, X., Pierson P. M., and Lahlou B. Effets d'analogues naturels et artificiels des peptides neurohypophysaires sur les cellules corticotropes de l'adénohypophyse de rat. 63^{ème} Congrès de la Société de Physiologie, Strasbourg, 20-22 Décembre 1995 (Poster)
- 4-Pierson P. M., Guibbolini M. E. and Lahlou B. Neurohypophysial hormones induce ACTH release by means of a V1-type receptor in trout pituitary. 63^{ème} Congrès de la Société de Physiologie, Strasbourg, 20-22 Décembre 1995 (Communication orale par P. Pierson)
- 5-Mayer-Gostan N., Pierson P. M., Guibbolini M. E. and Lamers A. Effects of cortisol on stanniocalcin secretion in freshwater trout *Oncorhynchus mykiss*. 3rd International Symposium on Fish Endocrinology, Hakodate (Japon), 27-31 Mai 1996 (Poster)
- 6-Guibbolini M. E., Pierson P. M., and Lahlou B. V1-type receptor in trout hepatocytes. International Congress of the Society for Experimental Biology, Canterbury, 7-11 Avril 1997 (Poster)
- 7-Pierson P. M., Guibbolini M. E., and Lahlou B. The CRF-like effect of neurohypophysial hormones in trout is mediated by a V1b-type receptor. International Congress of the Society for Experimental Biology, Canterbury, 7-11 Avril 1997 (Poster)
- 8-Guibbolini M.E., Pärt P., Rankin J.C., Pierson P.M. and Lahlou B. Neurohypophysial hormone receptors in fish tissues. XXXIII International congress of Physiological Sciences (IUPS), Saint Petersburg (Russie), 30 Juin-4 Juillet 1997 (Poster)
- 9-Alberi S., Pierson P., Metzger D. and Raggenbass M. Metabotropic glutamate receptor agonist induces a sodium-dependent aftercurrent in the lateral septum of rat. 27th annual meeting of the Society for Neuroscience, New Orleans, 25-30 Octobre 1997 (Poster)
- 10-Guibbolini, M.E., Pierson P.M., Mayer-Gostan N. and Lahlou B. The V1b neurohypophysial peptide receptor in fish and rat pituitary. XIII Internat. Congress of Compar. Endocr. Yokohama (Japon), 17-21 Novembre 1997 (Poster)
- 11-Guibbolini M., Pierson P. and Lahlou B. Pharmacological characterization of the V1b neurohypophysial peptide receptor in trout and rat pituitary. IV European Congress of Endocrinology, Séville, 9-13 Mai 1998 (Poster)
- 12-Guibbolini M. E., Pierson P. M., Ferrua C. and Lahlou B. Evidence for hormone regulated chloride channels in primary cultured cells of trout gill epithelium. IV European Congress of Endocrinology, Séville, 9-13 Mai 1998 (Poster)
- 13-Pierson P. and Raggenbass M. Effect of vasopressin on the input-output properties of facial motoneurons of the rat. 29th annual meeting of the Society for Neuroscience, Miami Beach, 23-28 Octobre 1999 (Poster)
- 14-Raggenbass M., Tribollet E. and Pierson P. Effect of vasopressin on the input-output properties of rat facial motoneurons. World Congress on Neurohypophysial Hormones, Bordeaux, 8-12 Septembre 2001 (Poster)
- 15-Raggenbass M., Liu X. and Pierson P. Blockade of potassium channels unmasks calcium-dependent plateau potentials in suprachiasmatic neurons of the rat. 31th annual meeting of the Society for Neuroscience, San Diego, 10-15 Novembre 2001 (Poster)
- 16-Pisani D., Pierson P., Leclerc L., Marini J.-F. and Dechesne C. A. Muscle expression of Myodulin. European Life Scientist Organization, Nice, 29 Juin-3 Juillet 2002 (Poster)
- 17-Rosso L., Pierson P., Peteri-Brunbäck B., Dayanithi G. and Mienville J.-M. Effects of neurosecretosome stimulation on neurohypophysial astrocyte (pituicyte) morphology. 4th Forum of European Neuroscience (FENS), Lisbonne, Portugal, 10-14 Juillet 2004 (Poster)
- 18-Rosso L., Peteri-Brunbäck B., Mienville J.-M., Pierson P. and Jacquillet G. Stellation and reversal of stellation in neurohypophysial astrocytes (pituicytes). European Life Scientist Organization (ELSO), Nice, France, 04-08 Septembre 2004 (Bioclip)

19-Pierson P., Gestreau C., Heitzmann D., Thomas J., Bendahhou S., Warth R. and Barhanin J. Task2 potassium channels set central respiratory CO₂ and O₂ sensitivity. 20th "Ion Channels" meeting, Presqu'île de Giens, France, 20-23 Septembre 2009 (Communication orale par J. Barhanin)

20-Belhoucine F., Alioua A., Pierson P., Francour P. and Boutiba Z. Etude de la période de reproduction et les traits biologiques du merlu. 3^{ème} Colloque "Biodiversité et Ecosystèmes Littoraux – BEL 03", Oran, Algérie, 26-28 Novembre 2013 (Poster)

21-Vandenbussche P., Spennato G., Chéné C., Francour P. and Pierson P. Stress influence on fluctuating asymmetry of *Dicentrarchus labrax* otoliths. Colloque Symmetry and asymmetry in biology, Museum national d'histoire naturelle Paris, France, 03-04 Avril 2014 (Communication orale par P. Vandenbussche)

22-Vandenbussche P., Spennato G. and Pierson P. Influence du milieu sur le stress des juvéniles d'Oblades (*Oblada melanura*), une étude de cas : la côte d'azur. 9e Symposium national de Morphométrie et Evolution des Formes, Museum national d'histoire naturelle Paris, France, 01-02 Juin 2016 (Poster)

Communication orale, comme invitée à donner un séminaire :

-Pierson P.M. ELISA for arginine vasotocin and isotocin. Department of chemical engineering, University Rovira I Virgili, Tarragone, Espagne, 07 Juin 2002 (Séminaire donné dans le cadre de la coopération internationale, projet de recherche sur conventions internationales du CNRS, "Immunodétection en temps réel des hormones neurohypophysaires libérées dans une préparation ex vivo")